|  | Index of Claims |          |          |          |      |          |          |  |           |         |            |                            |           | Application No. |                  |   |          |              |         |                 |    |               | Applicant(s) |              |             |          |                |                 |          |                 |  |
|--|-----------------|----------|----------|----------|------|----------|----------|--|-----------|---------|------------|----------------------------|-----------|-----------------|------------------|---|----------|--------------|---------|-----------------|----|---------------|--------------|--------------|-------------|----------|----------------|-----------------|----------|-----------------|--|
|  | i e             |          |          |          |      |          |          |  |           |         |            |                            |           | 10/084,824      |                  |   |          |              |         |                 |    |               |              | DWECK ET AL. |             |          |                |                 |          |                 |  |
|  |                 |          |          |          |      |          |          |  |           |         |            |                            |           |                 | Examiner         |   |          |              |         |                 |    |               |              |              | Un          |          |                |                 |          |                 |  |
|  |                 |          |          |          |      |          |          |  |           |         |            |                            |           |                 |                  |   |          |              |         |                 |    |               |              |              |             |          |                |                 |          |                 |  |
|  | Pa              |          |          |          |      |          |          |  |           |         |            |                            |           |                 | Patrick J Santos |   |          |              |         |                 |    |               |              | 217          | 71          |          |                |                 |          |                 |  |
|  |                 |          |          | _        |      |          | $\neg$   | l  | _         |         |            | _                          |           |                 |                  |   | Г        | _            |         |                 |    | _             |              |              | <del></del> |          |                |                 |          |                 |  |
|  |                 | <b> </b> | Rejected |          |      |          |          | -  |           |         |            | ough numeral)<br>Cancelled |           |                 | )                | $   _{N}$                               |          | Non-Elected  |         |                 | ed |               | A            | Appeal       |             |          |                |                 |          |                 |  |
|  |                 |          | L        |          |      |          |          | -  | -         |         |            | Cancelled                  |           |                 | _                |   | -        |              |         |                 |    |               | 4            |              |             |          | _              |                 |          |                 |  |
|  |                 |          | =        | Allowed  |      |          |          |  | +         |         | Restricted |                            |           |                 | 11               |   | 1        | Interference |         | ce              | o  | Objected      |              |              |             |          |                |                 |          |                 |  |
|  |                 | Ш        | l        |          |      |          |          | L  |           |         |            |                            |           |                 |                  |   |          |              |         |                 |    |               |              |              |             |          |                |                 |          |                 |  |
|  | Claim           |          |          |          | Date |          |          |  |           |         | Claim      |                            |           |                 |                  |   | Date     |              |         | C               |    |               | im           |              | Date        |          |                |                 | $\neg$   |                 |  |
|  |                 |          |          |          |      |          |          |  |           |         |            | <u>a</u>                   |           |                 |                  |   | Ī        |              |         | ľ               |    | al            |              |              |             |          |                |                 |          |                 |  |
|  | Final           | Original | क्षिश्च  | -        |      |          |          |  | İ         |         |            | Final                      | Original  |                 |                  |   |          |              |         |                 |    | Final         | Original     |              |             |          |                |                 |          |                 |  |
|  |                 | ō        | 11       |          |      |          |          |  |           |         | ļ          |                            | 11        |                 |                  |   |          |              |         |                 |    |               |              |              |             |          |                |                 |          |                 |  |
|  |                 | 1        | 4        |          |      |          | $\perp$  | $\Box$   | 4         |         | ]          |                            | 51        | $\perp$         | Ţ                | Н                                       | 4        | $\dashv$     | $\perp$ | 4-1             | F  |               | 101          |              |             | -        |                | $\Box$          |          | $\Box$          |  |
|  |                 | 3        | 1        | Н        | _    | $\vdash$ | $\dashv$ | +  | ╁         | +       | 1          |                            | 52<br>53  | +               | ╁                | Н                                       | $\dashv$ | $\dashv$     | +       | +               | ŀ  |               | 102<br>103   | $\dashv$     | +           | +        | $\vdash$       | -               |          | Н               |  |
|  |                 | 4        | 1        |          |      |          |          |  | 1         |         |            |                            | 54        |                 |                  |   |          |              |         |                 | Ľ  |               | 104          |              |             |          |                |                 |          |                 |  |
|  |                 | 5<br>6   | 1        | _        | H    | Н        | -        | -+   | +         | +       |            |                            | 55<br>56  | _               | +                | Н                                       | -        |              | -       | 4-4             | ŀ  |               | 105<br>106   | $\dashv$     | +           | +        | Н              | $\dashv$        |          | $\vdash$        |  |
|  |                 | 7        | 1        | -        |      |          |          | $\vdash$   | +         | +-      | 1          |                            | 57        | _               | +                | H                                       | $\dashv$ | -+           | +       | +-              | ŀ  | _             | 107          |              | +           | +        | H              | $\dashv$        | $\dashv$ | $\vdash$        |  |
|  |                 | 8        | 1        |          |      |          |          | $\Box$   | 1         | $\perp$ |            |                            | 58        |                 | ļ                |   | $\Box$   | $\Box$       | $\perp$ |                 | ľ  |               | 108          | $\Box$       |             | $\perp$  |                | $\Box$          |          |                 |  |
|  |                 | 9<br>10  | 1        |          |      | Н        | =        | $\vdash$   | +         | +       |            |                            | 59<br>60  | +               | ╀                | +                                       | +        | $\dashv$     | -       | +-  ::          | ┝  |               | 109<br>110   | $\dashv$     | +           | +        | $\vdash$       | $\dashv$        | -        | $\vdash$        |  |
|  |                 | 11       | 1        |          |      | H        |          | $\vdash$   | $\dagger$ |         | 1          |                            | 61        | $\dashv$        | +                | T                                       | 寸        | $\dashv$     | +       | 1               | ŀ  |               | 111          | $\dashv$     |             | +        | H              |                 | $\top$   | Н               |  |
|  |                 | 12       | 1        |          |      |          |          | $\Box$   | $\perp$   |         | }          |                            | 62        | $\perp$         | $\perp$          |   | $\Box$   |              |         |                 | F  |               | 112          |              | $\perp$     |          | П              | $\Box$          | $\perp$  | П               |  |
|  |                 | 13<br>14 | 1        | -        |      | H        |          | $\vdash$   | +         | +       | 1          |                            | 63<br>64  | +               | +                | H                                       | $\dashv$ | $\dashv$     | +       | +               | ŀ  |               | 113<br>114   | $\vdash$     | +           | +        | $\vdash$       | $\dashv$        | +        | Н               |  |
|  |                 | 15       | √        |          |      |          |          |  | 1         |         | ]          |                            | 65        |                 |                  |   |          |              |         |                 | t  |               | 115          |              | 1.          | 1        |                |                 |          |                 |  |
|  |                 | 16<br>17 | 1        | ļ        |      | Ш        |          | $\vdash$   | 4         | - -     | ļ          |                            | 66<br>67  | _               | +                | $\vdash$                                | _        | 4            | -       | 4-4             | -  |               | 116<br>117   |              | _           | -        | $\vdash$       | $\dashv$        | _        | $\sqcup$        |  |
|  |                 | 18       | 1        | H        |      | Н        | Н        | $\vdash$   | +         | +       | 1          |                            | 68        | +               | ╁                | $\dagger \exists$                       | $\dashv$ | ┪            | -       | 1-              | ŀ  |               | 118          | $\dashv$     | +           | +        | H              |                 | $\dashv$ | H               |  |
|  |                 | 19       | 1        |          |      |          |          |  | 1         |         |            |                            | 69        |                 |                  |   |          |              | $\Box$  |                 |    |               | 119          |              | $\Box$      | $\top$   |                |                 |          |                 |  |
|  |                 | 20<br>21 | 1        |          |      |          |          | $\vdash$   | +         | +       | 1          |                            | 70<br>71  | +               | ╁                | +                                       | _        | -            | +       | +               | ŀ  |               | 120<br>121   | $\vdash$     | +           | +        | Н              |                 | +        | H               |  |
|  |                 | 22       | <b>V</b> |          |      |          |          |  |           |         | ]          |                            | 72        |                 |                  |   |          |              |         |                 | ľ  |               | 122          |              |             |          |                |                 |          |                 |  |
|  |                 | 23       | 1        |          |      | Ц        |          |  | $\perp$   | $\perp$ |            |                            | 73        | _               | 4                | 4_                                      | _        | $\dashv$     |         | 1               | -  |               | 123          |              | $\perp$     | $\bot$   | Н              |                 | _        | Н               |  |
|  |                 | 24<br>25 | 1        |          |      | Н        | _        | $\vdash$   | +         | +       | 1          |                            | 74<br>75  | +               | +                | +                                       | $\dashv$ | $\dashv$     | +       | +-              | -  | $\rightarrow$ | 124<br>125   |              | $\dashv$    | ╁        | Н              | $\dashv$        | _        | H               |  |
|  |                 | 26       | <b>√</b> |          |      |          |          |  | $\perp$   |         | 1          |                            | 76        |                 |                  |   |          |              |         |                 |    |               | 126          |              |             |          |                |                 |          |                 |  |
|  |                 | 27<br>28 | 1        |          |      |          |          | $\vdash$   | +         | -       | 1          |                            | 77        | -               |                  | +                                       |          |              | $\perp$ | +               | -  |               | 127<br>128   | H            | +           |          | H              |                 | +        | H               |  |
|  |                 | 29       | 1        |          |      | Н        | Н        | $\vdash$   | +         | +       | 1          |                            | 79        | +               | +                | +                                       | +        | $\dashv$     | +       | ++              | ŀ  |               | 129          | $\dashv$     | +           | ╁        | $\vdash$       |                 | _        | H               |  |
|  |                 | 30       | 1        |          |      |          |          |  | 7         | 1       | ]          |                            | 80        | 1               | Ţ                | $\blacksquare$                          | $\Box$   | $\Box$       |         |                 | ļ  |               | 130          |              | 1           |          | П              | $\Box$          |          |                 |  |
|  |                 | 31<br>32 | 1        |          | -    | H        |          | $\vdash$   | +         | +       | 1          |                            | 81<br>82  | -               | +                | +                                       | $\dashv$ | _            | +       | +               | ŀ  |               | 131<br>132   | $\vdash$     | +           | +        | $\vdash$       | $\dashv$        |          | $\vdash$        |  |
|  |                 | 33       | 1        |          |      |          |          |  | 1         | $\top$  | 1          |                            | 83        | $\top$          |                  |   |          |              | $\top$  | $\Box$          | ŀ  |               | 133          |              |             | <u> </u> |                |                 |          | 廿               |  |
|  |                 | 34       | V        |          |      |          |          |  | 4         | 1       | ]          |                            | 84        | 1               | $\perp$          | $oxed{\Box}$                            |          | _            | $\bot$  | $\Box$          | Ĺ  |               | 134          |              | $\Box$      |          |                | $\Box$          |          | $\square$       |  |
|  |                 | 35<br>36 | √        |          | H    | Н        | $\vdash$ | $\vdash$   | +         | +       | -          |                            | 85<br>86  | +               | +                | +                                       | +        | $\dashv$     | +       | +               | ŀ  | $\dashv$      | 135<br>136   | $\vdash$     | +-          | +        | $\vdash$       | $\dashv$        |          | Н               |  |
|  |                 | 37       |          |          |      |          |          |  | 1         |         |            |                            | 87        |                 |                  |   |          |              |         |                 | t  |               | 137          |              |             | 1        |                |                 | 土        |                 |  |
|  |                 | 38<br>39 | -        | _        | L    |          |          |  | +         | $\perp$ | -          |                            | 88<br>89  | +               | -                | $\vdash$                                | 4        | 4            |         | 4-4             | -  |               | 138<br>139   | _            | _           | ╁        | Н              | $\sqcup$        |          | $\sqcup$        |  |
|  | -               | 40       | -        | -        |      |          | -        |  | +         | +       | 1          |                            | 90        | +               | +                | +                                       | $\dashv$ | $\dashv$     | ╁       | ++              | ŀ  |               | 140          | $\vdash$     | +           | +        | $\vdash$       | $\dashv$        |          | $\vdash$        |  |
|  |                 | 41       |          |          |      |          |          |  | #         |         |            |                            | 91        |                 |                  |   |          |              |         |                 | ľ  |               | 141          |              |             |          |                |                 | 1        |                 |  |
|  |                 | 42<br>43 | $\vdash$ | $\vdash$ | H    | H        | $\vdash$ | $\vdash \vdash$  | +         |         | 1          |                            | 92<br>93  | +               | +                | +                                       | $\dashv$ | $\dashv$     | +       | +               | ╠  |               | 142<br>143   | $\vdash$     | +           | +        | Н              | $\vdash \vdash$ | +        | $\vdash$        |  |
|  |                 | 44       |          |          |      |          |          |  | $\dagger$ | _       | 1          |                            | 94        | $\bot$          | $\pm$            | $\pm$                                   |          | _            | _       | $\pm \parallel$ | l  |               | 144          | H            | _           | 1        | Н              | H               | $\pm$    | $\Box$          |  |
|  |                 | 45       |          |          |      |          |          |  | $\bot$    |         | ]          |                            | 95        |                 | Ţ                |   | $\Box$   | $\Box$       | $\perp$ | П               | ſ  |               | 145          |              | $\perp$     | T        | Ц              | П               | 1        | $\square$       |  |
|  |                 | 46<br>47 | $\vdash$ | $\vdash$ | -    | $\vdash$ | $\vdash$ | $\vdash \vdash$  | +         | +       | ┨          |                            | 96<br>97  | +               | +                | +                                       | $\dashv$ | $\dashv$     | +       |                 | ŀ  |               | 146<br>147   | ${oxed}$     | +           | +        | $\vdash\vdash$ | $\vdash \vdash$ | +        | $\vdash \vdash$ |  |
|  |                 | 48       |          |          |      |          |          |  |           |         | 1          |                            | 98        | 二               | 1                | $\Box$                                  |          | $\exists$    |         |                 | t  |               | 148          |              | $\perp$     |          | П              | Ħ               | $\perp$  |                 |  |
|  |                 | 49<br>50 |          | -        | _    | $\vdash$ | $\vdash$ | $\vdash \vdash$  | +         | +       | 4          |                            | 99<br>100 | -               | +                | $\vdash$                                | _        | -            | $\perp$ | +               | ŀ  |               | 149          | Н            | $\perp$     | $\perp$  | H              | $\sqcup$        |          | $\vdash$        |  |
|  |                 | LOU      |          | L        |      | L        |          | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | L         |         | J:::::     |                            | IUU       | l_              |                  | لــــــــــــــــــــــــــــــــــــــ |          |              | L_      | ∷لـــــ         | ٠L |               | 150          | ᆫᆜ           |             |          |                | Ш               |          | ட               |  |